

The State of the Protocerebral Neurosecretory Cells  
of the Chinese Oak Silkworm *Antheraea pernyi* Guer.  
(Lepidoptera, Attacidae) in the Course of Larval  
Development by A. A. Panov  
RUSSIAU, per, Dok Ak Nauk SSSR, Biol Ser, Vol CLXV,  
No 2, pp. 423-426, 1955  
CB

The Effect of Cortisone on the Number of Binucleate and Polyploid Cells in the Liver by T. A. Zaitseva  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Ser, Vol CLXV,  
No 2, pp. 421-422, 1965

CR

Mixed-Layer Montmorillonite-Hydromica Formation  
in the Lower Cretaceous of the Caspian Kuba Oil  
and Gas Field of the Azerbaydzhani SSR, by G. I.  
Teodorovich and D. D. Kotel'nikov, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 2, 1965, pp 413-416.

Am Geol Inst

Sci-Ear Sci  
Jul 66

306,639

Dioctahedral 1M Al Mica from the Levo-Ingoda Tin-Tungsten Deposit, Transbaikal,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 2, 1965, pp 410-412.

Am Geol Inst

306,622  
~~XJEMYMX~~  
~~XJEMYMX~~

Sci-Ear Sci  
Jul 66

Intramineralization Stoping During the Hydro-  
thermal Formation of Rock Crystal, by G. B.  
Mitich,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 2, 1965, pp 407-409.

Am Geol Inst

Sci-Ear Sci  
Jul 66                            305,775

Composition of Beach Deposits of the Crimean Peninsula, by O. S. Bratus,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol CLXV, No 2, 1965, pp 399-402.

Am Geol Inst

Sci-Ear Sci  
Jul 66 305,774

Lower Riphean Phosphorite in the Mountains A-round Southern Siberia, by I. S. Borovskaya and N. S. Zaytsev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol CLXV, No 2, 1965, pp 395-398.

Am Geol Inst

Sci-Ear Sci                    305,773

The Use of Surface Inorganic Germanium Compounds  
for Increasing Stability of Nonocrystalline  
Germanium, by V. F. Synorov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXV, No 2, 1965, pp 391-394.  
CB

Sept 66

310,537

Deformation Mechanism of Unbaked Corundum Ceramics  
When Heated, by I. G. Orlova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXV, No 2, 1965, pp 387-390.  
CB

Sept 66

310,536

Adhesion of Thermoplastic and Thermoreactive  
Polymers to Synthetic Highly Oriented Fibers, by  
A. I. Kurilenko and G. V. Shirayeva,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXV, No 2, 1965, pp 383-386.  
CB

Sept 66

310,535

Studies in the Field of Salt Satbilty of Disper-  
sions of Clay Minerals, by N. N. Kruglitskiy  
and F. D. Ovcharenko, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLxV, No 2, 1965, pp 380-382.  
CB

Sept 66

310,534

The Aging Mechanism of Asphalts of Varied  
Structures, by A. S. Kolbanovskaya and A. R.  
Davydova, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXV, No 2, 1965, pp 376-379.

CB

Sept 66

310,533

Growth of Corundum Crystals During Sintering,  
by E. V. Degtyareva,  
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol  
CLXV, No 2, 1965, pp 372-375.  
CB

Sept 66

310,532

The Problem of Optimum Estimation of the State  
of Controlled Chemical Engineering Processes,  
by F. Ya. Gimel'shein and B. N. Devyatov,  
RUSSIAN, per, Dok Ak Cauk SSSR, Chem Sec, Vol  
CLXV, No 2, 1965, pp 368-371.

CB

Sept 66

310,531

Theory of Diffusiophoresis of Large Nonvolatile  
Aerosol Particles, by Yu. I. Yalamov, B. V.  
Derjagin,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,  
Vol CLXV, No 2, 1965, pp 364-367.  
CB

Nov 65

313,504

Optical Anisotropy of Semirigid Chain Molecules  
and Birefringence in a Flux of Their Solutions,  
by V. N. Fsvetkov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,  
Vol CLIV, No 2, 1965, pp 360-363.

CB

Nov 35

313,963

Use of E.P.R. to Demonstrate that the Sensitization  
of the Photodecomposition of Methyl Iodide is a  
Two-Photon Process, by V. V. Rylov, V. E.  
Molchanov,  
RUSSIAN, per Dok Ak Nauk SSSR, Phys Chem Sec,  
Vol CLXV, No 2, 1965, pp 356-359.  
CB

Nov 65

313,932

Macromolecular Reaction Kinetics: The Influence  
of Neighboring Units, by A. D. Litmanovich,  
RUSSIAN, ver, Dok Ak Nauk SSSR, Phys Chem Sec,  
Vol CIXV, No 2, 1965, pp 354-355.

CB

Nov 65

315,901

Photochemical Hydrobromination in Vitreous and  
Crystalline Mixtures of Allyl Chloride and  
Hydrogen Bromide, by G. N. Koval'ev, M. N. Masterova,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,  
Vol CLIV, No 2, 1965, pp 351-353.

CB

Nov 65

313,000

The Influence of the Molecular Weight of Hydrocarbons on Their Diffusion in Polymers, by V. K. Gromov, R. N. Vasenin,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,  
Vol CLXV, No 2, 1965, pp 347-350.

CD

Nov 65

313,079

A Direct Method of Examining the Electrical  
Microrelief on Crystal Surfaces, by G. I.  
Distler and Yu. M. Gerasimov, et al, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 329-331.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

The Kamen'-on-Ob' Earthquake of February 15, 1965,  
by N. D. Zhalkovskiy and G. M. Tsibul'chik, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 2, 1965, pp 327-328.

Am Geol Inst

Sci-Ear Sci  
Jul 66 305,766

An Investigation of the Dependence on Tensile Load of the Time to Fracture for Steel and Copper, by Yu. I. Tarasov, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 323-326.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Heating of Thin Sheets in Laser Welding, by  
N. N. Rykalin and A. A. Uglov, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 319-322.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Boundary and Surface Energies in Secondary  
Recrystallization, by Yu. S. Avraamov and  
A. G. Gvozdev, et al, 2 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 316-318.

Sov Phys -Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Determination of the Critical Temperature  
of Superconductors Containing Paramagnetic  
Impurities in the Basis of a Two-Zone Model,  
by V. A. Moskalenko, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 313-315.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 666

Effect of Presurface Charges in the Change  
of the Contact Potential Difference of  
Semiconductors Under Illumination, by A. M.  
Meshkov and I. A. Akimov, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 309-312.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

The S Matrix in the Heisenberg Representation,  
by B. V. Medvedev and A. D. Sukhanov, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 305-308.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Generation of Coherent Radiation in Gallium  
Arsenide by Electron Excitation, by L. N.  
Kurbatov and A. N. Kabanov, et al, 2 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 303-304.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Acoustical Behavior of Highly Viscous Liquids  
and ~~EPR~~ Theory of the Liquid State, by  
M. A. Isakovich and I. A. Chaban, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 299-302.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

An X-Ray Investigation of the Compressibility  
of Hexagonal Selenium Up to 15 Kilobars, by  
L. F. Vereshchagin and S. S. Kabalkina, et  
al, 2 p.

RUSSIAN, per, Dok Ak Nauk SSSR, PhysSec,  
Vol CLXV, No 2, 1965, pp 297-298.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

The Structure of Solutions of Sequences of  
Equations in the Kinetic Theory of Gases, by  
V. V. Struminskiy, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 293-296.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Effective Transformation and Asymptotic  
Representation of One Class of Nonlinear  
Differentials Equations, by V. V. Laricheva,  
3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 289-292.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Construction og Inverse Operators in Automatic  
Control Theory, by E. A. Lyuban, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 2, 1965, pp 285-288.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Almost Periodic Solutions of Nonlineat Systems,  
by V. M. Ceresiz, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 2, 1965, pp 281-284.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

300,644

Duality Principles for the Problem of Periodic  
Solutions of Higher-order Differential Equations,  
by E. A. Lifsic, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 2, 1965, pp 277-280.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

300,643

Systems of Congruences and Equations of Waring Type, by A. A. Karacuba, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 2, 1965, pp 274-276.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, 1965, Nov/Dec

Sci-Math  
May 66

300,642

Convergence of Lacunary Trigonometric Series on  
Sets, by V. F. Emel'janov, 2 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 2, 1965, pp 272-273.

Sov Math-Dk  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

300,641

Reduction Method for Systems of Equations of  
Wiener-Hopf Type, by I. C. Gohberg and I. A.  
Fel'dman, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 2, 1965, pp 268-271.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66 300,640

Nonlinear Spinor Functions, by A. N. Golubjatnikov,  
3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 2, 1965, pp 265-267.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

300,639

Expansion in Eightfunctions of a Nonselfadjoint  
Boundary Value Problem for a Differentail equation  
witha Singularity at Zero, by M. G. Garymov, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 2, 1965, pp 261-264.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-math  
May 66

The Power and the Structure of the Lattice of all  
Compact Extensions of a Completely Regular Space,  
by Ju. Visliseni and Ju. Flaksmaier, 3 p.  
RUSSIAN, pre, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 2, 1965, pp 258-260.

Sov Math-Dok  
Am Math Sov  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

Periodic Solutions of Nonautonomous Systems, by  
P. G. Aizengendler and M. M. Vainberg, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 2X, 1965, pp 255-257.

Sov math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

Combined Effect of Somatotrophin and Prednisolone  
on the Repair Process by A. I. Budionova

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sec, Vol  
CLV, No 1, pp. 245-248, 1965

CB

The Connection Between Certain Physicochemical  
Changes in Irradiated Skin and its Power of Rapid  
Conversion into Cornea by V. V. Popov and O. P.  
Melikhova

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Ser, Vol CLXV,  
No 1, pp. 241-244, 1965

CB

Metabolism of C<sup>14</sup> Violazanthin in Leaves and  
Its Role in Reactions of Photosynthesis, by  
V. A. Saakov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,  
Vol CLXV, No 1, 1965, pp 230-233.  
CB

Oct 66

313,035

The Molecular Mechanism of Crozier's Principle  
as Applied to the Developement of Poikilotgerms  
by B. M. Mednikov and A. S. Antonov, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,  
Vol CLXV, No 1, 1965, pp 227-229.  
CB

Oct 66

313,034

Examination on the Reaction of Semiquinonoid Radicals with Native and Denatured DNA by the EPR Method, by G. L. Grigoryan and I. G. Kharitonov, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,  
Vol CLXV, No 1, 1965, pp 224-226.  
CB

Oct 66

313,033

Enzymatic Transformations Involving Partcipation  
on B-Fructofuranosidase Taking Place in Champagne,  
by S. P. Avakyants,  
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,  
Vol CLXV, No 1, 1965, pp 221-223.  
CB

Oct 66

313,0232

On the Ability of Certain Microorganisms to Form  
Fibrinolytic Substances by N. S. Efjorov and  
V. I. Ushakova  
RUSSIAN, per, Dok Akad Nauk SSSR, Biol Ser, Vol CLXV,  
No 1, pp. 217-220, 1965  
CB

Temperature Dependence of the Traits of the Forked Mutation in the Offspring of Female *Drosophila melanogaster* by P. G. Svetlov and G. F. Korsakova  
RUSSIAN, per, Dok AK Nauk SSSR, Biol Ser, Vol. CLXV,  
No 1, pp. 214-216, 1965  
CB

The Specificity of the Genotype in Induced  
Mutagenesis by N. P. Dubinin and V. K. Sheherbalov  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Ser, Vol CLXV,  
No 1, pp. 210-213, 1965

CB

Reactivity of the Cellular Elements of the Blood  
of Humpback Salmon Embryos by E. V. Prazdnikov  
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Ser, Vol CLXV,  
No 1, pp. 207-209, 1965

CB

Concerning the Localization in Cells of the  
Aromatic Hydrocarbon 3,4-Benzopyrene by S. B.  
Petrilovich and M. N. Meinel<sup>1</sup>  
RUSSIAN, per, Dok AK Nauk SSSR, Biol Ser, Vol. CLIV,  
No 1, pp. 203-206, 1965  
CB

Study of the Ultrastructural Changes in the Nuclear  
Membrane During Mitosis by K. S. Abovyan and  
V. N. Reingold'a  
RUSSIA, per, Dok Ak Nauk SSSR, Biol Ser, Vol CLXV,  
N. 1, pp. 199-202, 1965  
CB

Likhvin Interglacial Flora Near Moscow, by  
V. N. Sukachev and V. T. Sokolovskaya,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
LXX CLXV, No 1, 1965, pp 194-197.

Am Geol Inst  
t

Sci-Ear Sci  
Jul 66

306,650

Relationship Between Ionization Potentials of Elements  
and the Concentration Necessary for the Formation  
of the Minerals, by N. A. Solodvo,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 1, 1965, pp 190-193.

Am Geol Inst

Sci-Ear Sci  
Jul 66

306,642

Isotopic Composition of Uranium in Waters and  
Sediments of the Black Sea and the Sea of Azov,  
by D. S. Nikolayev and K. F. Lazarev, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 1, 1965, pp 187-189.

Am Geol Inst

Sci-Ear Sci  
Jul 66

306,641

Radioactivity of Sands in Central Asia, by L. I.  
Boltneva and L.I. Buyanova, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 1, 1965, pp 183-186.

Am Geol Inst

Sci-Ear Sci  
Jul 66

306,640

Trace Elements in Ores of a Cassiterite-Quartz Deposit in the Northeastern USSR, by A. V. Zil'-bermints,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol CLXV, No 1, 1965, pp 179-182.

Am Geol Inst

Sci-Ear Sci  
Jul 66

306,631

Synthetic Gillespite BaFeSi<sub>4</sub><sup>1</sup><sub>10</sub>, by I. A. Belitskiy and N. Ya. Bondareva,<sup>2</sup>  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol CLXV, No 1, 1965, pp 175-178.

Am Geol Inst

Sci-Ear Sci  
Jul 66

306,621

A New Andalusite Occurrence in the Ukrainian Crys-  
talline Shield, by V. V. Bayrakov and A. A. Boch-  
kov,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 1, 1965, pp 171-174.

Am Geol Inst

Sci-Ear Sci  
Jul 66

306,620

Azonal Subsurface Waters in Jurassic Sediments of  
South Mangyshlak, by V. N. Kortsenshteyn,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 1, 1965, pp 167-170.

Am Geol Inst

Sci-Ear Sci  
Jul 66

306,619

Geosynclinal Alkaline Basalts of the Northwestern Part of the Pacific Ocean Belt, by V. K. Rothman and B. A. Markovskiy,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear sci Sec, Vol CLXV, No 1, 1965, pp 163-166.

Am Geol Inst

Sci-Bar Sci  
Jul 66 305,772  
Low

Recent Crustal Movements in Macedonia, by D. A.  
Liliyenberg,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 1, 1965, pp 159-162.

Am Geol Inst

Sci-car Sci  
Kul 66 305,771

Middle Paleozoic Intrusions of the Alay Range,  
by R. D. Gavrilin and I. Z Filippovich,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 1, 1965, pp 156-158.

Am Geol Inst

Sci-Ear Sci  
Jul 66                            305,770

Differentiation of the Tertiary Plutonic and  
Volcanic Rocks if Central Kamchatka Into Assoc-  
iations, by O. N. Volynets and A. V. Koloskov,  
et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol  
CLXV, No 1, 1965, pp 153-155.

Am Geol Inst

Sci-Ear Sci  
Jlu 66 505,769

Phase Diagram of Collagen and Interpretation of  
the Heat of the Transition Order-Disorder in Water,  
by S. Ye. Frenkel', L. V. Kulikareva,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,  
Vol 61W, No 1, 1965, pp 149-152.

CB

Nov 65

313,976

The Possibility of the Breakdown of Equilibrium  
through Solid-Phase Recrystallization in a  
System Containing a Microcomponent, by Vitt. I.  
Spitsyn, N. E. Mikheev,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Ser.  
Vol CIIV, No 1, 1965, pp 147-148.  
OB

Nov 35

313,917

The Chain Thermal-Explosion Limit, by L. M.  
Pis'ken, V. G. Levich,  
RUSSIAN, por, Dok Akad Nauk SSSR, Phys Chem Sec,  
Vol CLKV, No 1, 1965, pp 144-146.

CB

Nov 65

313,976

The thermodynamics of Ion Exchange under Isopiestic Conditions, by A. N. Kirgintsev, E. D. Abramovich, RUSSIA, per, Dok Ak Nauk SSSR, Phys Chem Soc, Vol CLXV, No 1, 1955, pp 140-143.

CD

Nov 65

313,5/5

Corrosion Behavior of Alloys of the Titanium-Oxygen System in Solutions of Sulfuric Acid by  
V. V. Glazova, I. I. Kornilov,  
RUSSIAN, per, Dok Akad Nauk SSSR, Phys Chem Soc,  
Vol CLXV, No 1, 1965, pp 136-139.  
CB

Nov 65

313,974

Determination of the Efficiency of Metal  
Inhibitors in Viscous Media, by G. P.  
Gladyshev, S. R. Rafikov,  
RUSSLAN, per, Dok Akad SSSR, Phys Chem Ser,  
Vol CLXV, No 1, 1965, pp. 133-135.  
CB

Nov 65

313,973

Crystal Structure of the Simplest Silicates  
of La and Sm, by E. A. Kuz'min and N. V.

Belov, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 83-90.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Determination of the Structure of Short-Range  
Order Liquid Metal Binary Alloys, by E. S.  
Filippov and A. M. Samarin, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 85-87.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Some Possibilities of Practical Utilization  
of Ferromagnetic Films at Ultrahigh Frequencies  
by L. V. Kirenskiy and N. S. Chistyakov, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 81-84.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

New Method of Determining the Specific Surface  
of Powders by Comparing the Rates of Flow of  
Gases Through the Porous Medium Under Different  
Conditions, by I. S. Izrailevich and S. N.  
Novikov, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 77-80.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

The Inductance of a Superconducting Solenoid  
by V. V. Sychev and V. B. Zenkevich, et al,  
2 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 73-76.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

The Borchers' Class of Interacting Fields  
D. A. Slavnov and A. D. Sukhanov, et al,  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 69-72.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Magnetic Cumulation, by A. D. Sakharov and  
R. Z. Lyudaev, et al, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 65-68.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Astrophysical Phenomena and Radiocarbon, by  
B. P. Konstantinov and G. E. Kocharov, 2 p.  
RUSSIAN, per, Dok Ak Nauk SSSR , Phsy Sec,  
Vol CLXV, No 1, 1965, pp 63-64.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Obtaining Electron-~~EXTREMELY~~Diffraction  
Micropatterns with a Double-Focus Magnetic  
Lens, by Yu. M. Vorona and V. N. Vertsner,  
2 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, NO 1, 1965, pp 61-62.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Propagation Velocity of an Intense Light  
Pulse in a Medium with Inverted Population,  
by N. G. Basov and R. V. Ambartsumyan, et al,  
2 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 58-60.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 66

Sci-Pgys  
May 66

On the Inapplicability of Baldwin's Correlation to the Determination of the Causes of the Formation of Lunar Craters, by G. S. Shteynberg,  
5 pp.

RUSSIAN, per, Doklady Akademii nauk SSSR, Vol  
165, No 1, pp. 55-57.

JPRS 33897

USSR  
Sci-ES/A  
Feb 66

295,225

On the Inapplicability of Baldwins Relation  
for hte Determination of the Causes of Lunar  
Craters, by G. S. Shtenberg, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 55-57.

*MEL BY 3546B 1966 (T 946 R)*

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Test for Absolute Stability of Multiply-  
Connected Pulse Systems with Nonstationary  
Characteristics of Nonlinear Elements, by Ya.  
Z. Tsyplkin and M. S. Epel'man, 5 pp.  
RUSSIAN, per, Doklady Akademii Nauk SSSR,  
Vol. 165, No 1, 1965, pp. 51-54.  
JPRS 33817

USSR  
Sci-Electronics  
Jan 66

295,040

Criterion for Absolute Stability of Multiply  
Connected Sampled-Data Systems with Non-  
Stationary Characteristics of the Nonlinear  
Elements, by Ya. Z. Tsypkin and M. S. Epel'-  
man, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 51-54.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Multipoles Containing Closing Contacts of  
Internal Relays, by A. G. Lunts, 7 pp.  
RUSSIAN, per, Doklady Akademii Nauk SSSR,  
Vol 165, No 1, 1965, pp. 47-50.  
JPRS 33817

USSR  
Sci-Electronics  
Jan 66

295,039

Multiterminal Networks Containing Make Contacts  
of Internal Relays, by A. G. Lunts, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,  
Vol CLXV, No 1, 1965, pp 47-50.

Sov Phys-Dok  
Am Inst Phys  
Vol X, No 11, May 1966

Sci-Phys  
May 66

Generalized Extensions of Unbounded Operators, by  
E. R. Eeckanovskii, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 1, 1965, pp 44-46.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 86

Representation fo Periodic Analytic Functions by a  
Sum of Squares, by S. L. Sobolov, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 1, 1965, pp 4-43.

Sov Math-dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

Eigenfunctions of the Equations  $\Delta u + \lambda \varphi(x)u = 0$ ,  
by S. I. Pohozaev, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 1, 1965, pp 36-39.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 6  
6

Uniqueness and Existence Theorems and ~~XXXX~~ Apriori  
Properties of Generalized Solutions, by V. I.  
Plotnikov, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 1, 1965, pp 33-35.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

On the Estimation of the Number of Solutions of  
Certain Equations, by A. A. Karacuba, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 1, 1965, pp 31-32.

Sov Math-Dok  
Am Math Sov  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

Free T-sums of Multioperator ~~XXX~~  
~~XXX~~  
Skew Fields, by I. S. Ivanov, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol. CLXV,  
No 1, 1965, pp 28-30.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

Apriori Estimates and Solvability of General  
Boundary Value Problems for General Elliptic  
Systems with Discontinuous Coefficients, by  
N. V. Zitarasu, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 1, 1965, pp 24-27.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

On the Elementary hteory of Maximal Normal Fields,  
by Ju. L. Ersov, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 1, 1965, pp 21-23.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

Some Asymptotic Properties of Orthogonal Polynomials, by Ja. L. Feronimus, 3 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 1, 1965, pp 19-20.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, 1965, Nov/Dec

Sci-Math  
May 66

On Taylor-Dirichlet Series, by B. S. Bronstein,  
2 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol CLXV,  
No 1, 1965, pp 17-18.

Sov Math-Dok  
Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66

Primary Ideals in Noncommutative Rings, by V. A.  
Andrunakievic and Ju. M. Rjabuhin, 4 p.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol  
CLXV, No 1, 1965, pp 13-16.

Am Math Soc  
Vol VI, No 6, Nov/Dec 1965

Sci-Math  
May 66